Policies, Standards and Procedures Framework for Interoperable Communications in Arizona

Presentation to

Statewide Interoperability Executive Committee

Michael Britt, Project Manager

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- AZ SCIP & PSPs

- Research – Other States & National

- Definition of Terms & Example

- Draft PSP Structure

- Proposed Project Approach & Schedule

- Feedback; Discussion

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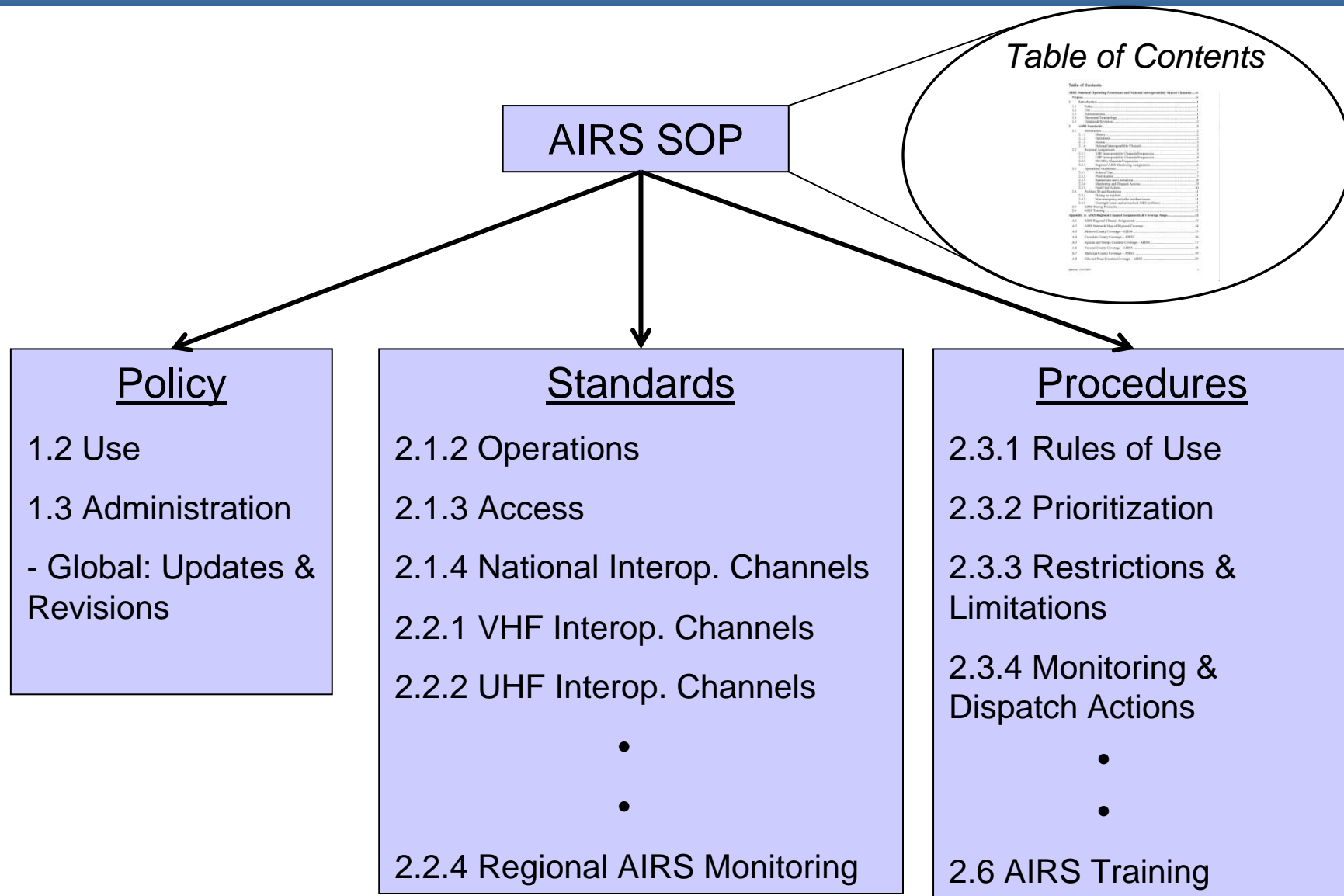
PSP SCIP Initiative

- The Policies, Standards and Procedures (PSPs) Project is one of the 12 strategic initiatives outlined in the Statewide Interoperable Communications Plan (SCIP).

- SCIP Section 5.8.2.1 states:

  - *Establish a PSP Framework, and Implement PSPs, Including SOPS, for Statewide Interoperable Communications Solutions.*

  - ***Gap Statement:*** *As of 2009, Arizona does not have a statewide PSP framework regarding interoperable communications. Furthermore, although some statewide interoperable communications solutions exist and others are being planned, Arizona has not developed or implemented consistent SOPs regarding the use of those solutions and has not developed templates to ensure that future SOPs are developed in a consistent manner.*

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- SCIP Section 5.8.2.1 (cont.)

  - ***Initiative Description:*** *In order to fully coordinate interoperable communications statewide, Arizona needs to establish a reliable PSP framework that allows stakeholders to implement interoperability projects consistently across the state. This initiative promotes the development of that framework and its component SOPs and enables stakeholders to implement those SOPs.*

  - ***Objectives:***

    - *Develop a statewide interoperable communications PSP Framework*

    - *Develop consistent interoperable communications SOPs and SOP templates*

    - *Implement developed SOPs statewide.*

PSP Background

- PSCC, SIEC and PSIC are currently working on interoperable projects which have PSP components, for example:

  - The 700 MHz Interoperable Channel Plan (under development) contains naming standards.

  - The COML Recognition Program was approved by the SIEC in May, 2010 and the PSCC in July, 2010 and has standards and procedures included within it.

  - The AIRS SOP was approved by the SIEC in Oct, 2009 and the PSCC in Feb, 2010 and has policies and procedures for use of AIRS.

- Our proposed PSP framework follows the SAFECOM Interoperability Continuum and aligns with our existing SCIP initiatives

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- Many states have a series of standard operating procedures (SOPs) or a handbook with some policies embedded in it, but no overarching structure.

  - Less than half (24) of the States/Territories have a published set of PSPs (44%)

  - Of those, most are guidebooks on how to use a single, statewide system or how to program interoperable channels, with no other policy information.

  - In most cases, individual state PSP efforts are just beginning.

- The National Public Safety Telecommunications Council has recently formed a team to address PSPs from a National perspective. We plan to participate in that team.

- **Definitions of PSP Terms:**

  - <u>Policy:</u> A statement of a decision or direction providing clarification among competing alternatives on how to address interoperable communications. [Note: It defines an approach to be taken so that resultant decisions in differing initiatives can be aligned.]

  - <u>Standard:</u> A specification whose implementation is necessary for consistent usage and mutual understanding. [Note: Standards foster a common planning field to facilitate interoperable setup and usage during an emergency.]

  - <u>Procedure:</u> A set of instructions describing how to achieve a policy or standard. [Note: Agencies can review these instructions to train their staff on how to operate in response to an incident requiring interoperable communications. Documented interoperability procedures enable identification of conflicts with individual agency procedures.]

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PSP Example

AIRS SOP

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1.2 Use

1.3 Administration

- Global: Updates & Revisions

Standards

2.1.2 Operations

2.1.3 Access

2.1.4 National Interop. Channels

2.2.1 VHF Interop. Channels

2.2.2 UHF Interop. Channels

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2.2.4 Regional AIRS Monitoring

Procedures

2.3.1 Rules of Use

2.3.2 Prioritization

2.3.3 Restrictions & Limitations

2.3.4 Monitoring & Dispatch Actions

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2.6 AIRS Training

Draft PSP Structure

	Policy	Standard	Procedures
Governance			
System of Systems	X		
MOUs, IGAs	X	X	X
Regional Structures	X	X	
Technology			
Interoperable Channels	X	X	X
AIRS SOP	X	X	X
Subscriber equipment	X	X	X
Repeaters, Gateways	X	X	X
Deployable equipment	X	X	X
Broadband, ROIP, VOIP	X	X	X
Training & Exercises			
NIMS ICS training	X	X	X
COML training/certification	X	X	X
NECP Goals	X	X	X
Usage & Outreach			
CASM Asset Inventory	X	X	X
TICP	X	X	X
Outreach Plan	X	X	X

- Michael Britt will lead the PSP Project.

- PSIC will solicit involvement from the Technical and Operational Workgroups as well as Subject Matter Experts.

- The Workgroups will identify and define the PSPs for each functional area. The PSIC project manager will draft the PSPs based on any available resource materials from other States and with Workgroup support / review.

- The proposed PSPs will be posted online for public comment before they are presented to the SIEC and PSCC.

- PSP maintenance and periodic review guidelines will be established as part of the program.

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- **High Level Initial Project Schedule**
  - Research National, State and Territory PSPs   – Complete
  - Overall PSP Framework detail and format   – Q4, 2010
  - First Round: – Q2, 2011
    - Governance
    - Technology – Interoperable Channels, AIRS
    - Usage & Outreach – CASM, TICP
  - Second Round: – Q4, 2011
    - Technology – subscriber equipment, repeaters, gateways
    - Training & Exercises
    - Usage & Outreach
  - Third Round: – Q2, 2012
    - Technology – Broadband, ROIP, VOIP, CASM
    - PSP maintenance and review guidelines developed